

WHAT IS CLAIMED IS:

1. A laser diode chip for an optical pickup apparatus in which a plurality of light emitting portions are formed on a substrate for emitting laser beams having different wavelengths in a same emitting direction,

wherein respective light emitting points of said plurality of light emitting portions are located at different positions in the emitting direction.

2. A laser diode chip according to claim 1, wherein the respective light emitting points of said plurality of light emitting portions are located in an order in which a short wavelength of each of the laser beams emitted from the light emitting points is forward in the emitting direction as compared to an emitting portion of a longer wavelength beam.

3. A laser diode chip according to claim 1, wherein said plurality of light emitting portions are formed on one surface of said substrate and a common electrode is formed on the other surface of said substrate.

4. An optical pickup apparatus comprising:  
a light emitting device in which a plurality of light emitting portions for emitting laser beams having different wavelengths are formed on a substrate and the laser beams are selectively emitted in a same emitting direction from one of said plurality of light emitting portions; and

an optical system for guiding the laser beams emitted from said light emitting device to a recording surface of a recording medium and guiding a laser beam reflected by the recording

surface of said recording medium to a photosensing device,

wherein said light emitting device is constructed so that respective light emitting points of said plurality of light emitting portions are located at different positions in the emitting direction.

5. An optical pickup apparatus according to claim 4, wherein lengths of optical paths from the light emitting points of said plurality of light emitting portions to the recording surface of said recording medium are short in order of short wavelength of each of the laser beams emitted from the light emitting points.

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